

196. HELIASTES ANALIS, Cuv. & Val.

Gunth., Cat. 4, p. 62.—*Chromis analis*, Bleek., Atl. Ichth., Pomac., pl. 6, fig. 1.

“Ku” of the natives.

DESCRIPTION OF TWO FISHES LATELY TAKEN IN OR NEAR PORT JACKSON.

BY W. MACLEAY, F.L.S.

CHILODACTYLUS MULHALLII, *n. sp.*

D. 15 $\frac{1}{4}$. A. 2/9. L. lat. 46.

Elongate, moderately compressed; the height of the body is one-fifth of the total length and equal to the length of the head; profile of head convex, the space between the eyes much rounded and equal to four diameters of the eye, the distance from the eye to the snout equal to three diameters. The snout is obtuse, the lips thick and fleshy, and the mouth small, the maxillary scarcely reaching midway between the snout and the eye. The opercles are unarmed; there are a few very minute scales on the upper part of the preoperculum, and the operculum is covered except near the edges with minute scales, the rest of the head is naked. The scales of the body are large, cycloid and adherent, excepting the thoracic surface which is naked or clothed with very minute scales. The dorsal fin is deeply notched, the first spine very short, the second about double the length, the third about double that, the fourth still longer, and the fifth, sixth, and seventh the longest; the soft dorsal is in height scarcely so high as the longest spines, and decreases slightly and uniformly to its termination; the caudal fin is deeply forked; the first anal spine is very short, the second is longer and stronger, and only one-fifth the height of the first ray. The six lower rays of the pectoral fin are simple, and of this the second is the longest,

but it does not exceed the length of the others by more than one-eighth of its length. The general colour is bluish-grey on the back, becoming whitish on the belly; the head is variegated with blotches of greenish and olive brown, the dorsal fins are of a clouded greyish tint, the spinous seeming to have the base red; the caudal fin is almost black, the anal blackish with a white margin and base, the ventrals bluish-grey with an indistinct whitish patch near the base. Length 26 inches.

I name this fine fish after the Assistant Inspector of Fisheries, Mr. Thomas Mulhall. His practised eye detected it at once in the Sydney Fish Market as something unusual, and he brought it to me. It now forms part of the collection of the Commissioners of Fisheries.

AMMOTRETIS ZONATUS, n. sp.

D. 75. A. 53. V. dext. 7, sin. 3. P. 11.

This species differs from *A. rostratus*, the only one of the genus hitherto observed, in many respects, the most evident being the general greyish-black colour, instead of the almost rufous-brown of the other, in having across the body a broad irregular indistinct zone of a whitish hue, in having the vertical fins higher, the tail rather longer, the lower eye more distinctly in advance of the other, and the maxillary flap smaller. The height is considerably more than half the length of the body excluding the caudal fin. Length 7 inches.

Hab. Port Jackson.

The type of this species also belongs to the Fisheries department.

DESCRIPTIONS OF SOME NEW QUEENSLAND FISHES.

BY CHARLES W. DE VIS, B.A.

FAM. BERYCIDÆ.

CLEIDOPUS, n. g.

Muzzle rounded, blunt, protruding. Cleft of the mouth oblique. Eye large. Teeth viliform on the jaws, palatines,